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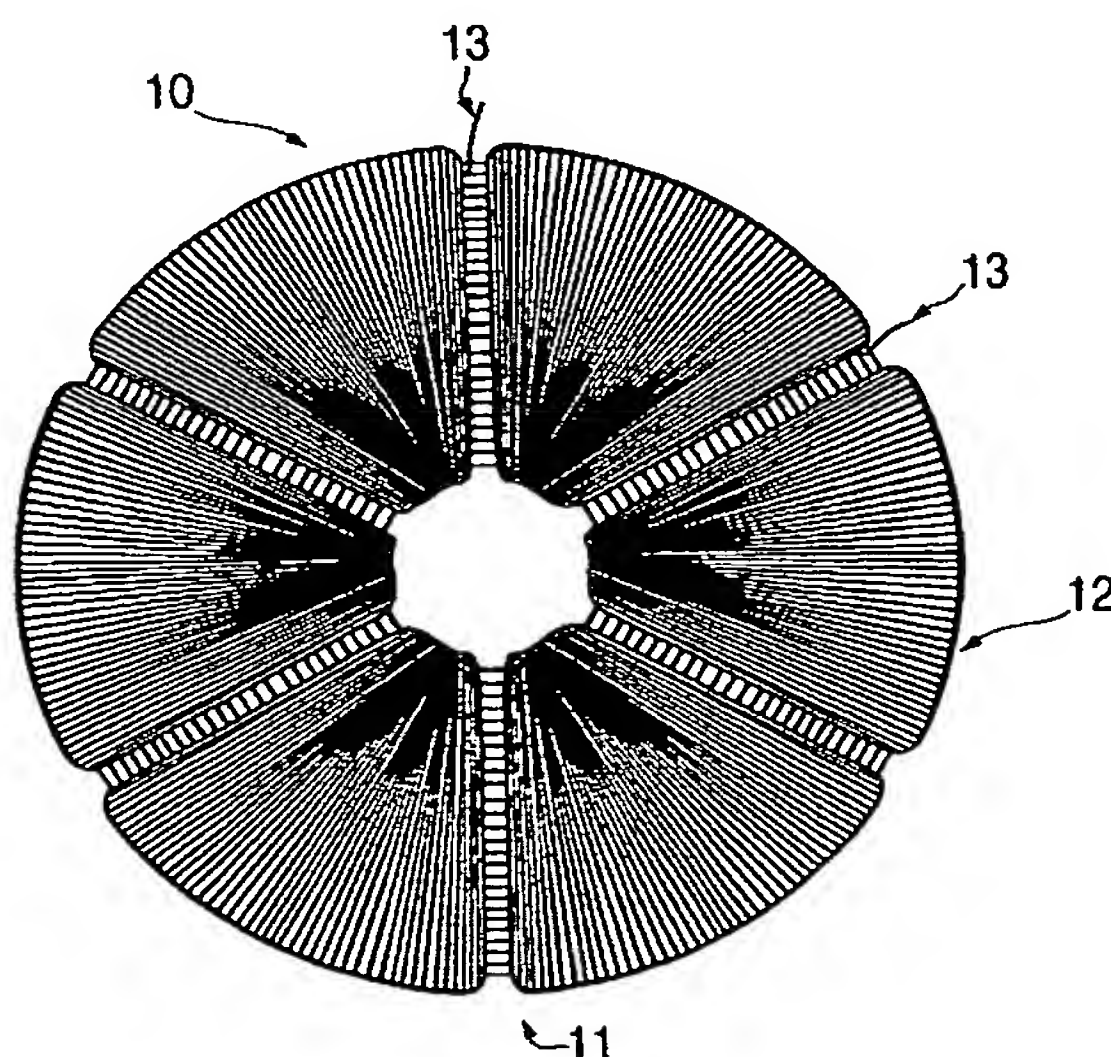
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(54) Title: **TOROIDAL INDUCTIVE DEVICES AND METHODS OF MAKING THE SAME**



(57) Abstract: A toroidal inductive device has an electrical winding component (11) of generally toroidal shape and discrete magnetic components (12) shaped as toric sections. The discrete magnetic components (12) are arranged on the electrical winding component such that the discrete magnetic components (12) are offset circumferentially from each other and at least partially embrace the electrical winding component (11). The magnetic components (12) define magnetic flux gaps in meridional planes. A method for forming a magnetic component is also provided wherein magnetic wire is wound onto a toroidal electrical winding component without the need for passing a spool through a central opening of the toroid.

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